SEVERIN

S2+ One Touch

Bedienungsanleitung DE
Instruction manual GB
Mode d'emploi FR
Gebruiksaanwijzing NL
Instrucciones ES
Manuale operativo IT
Betjeningsvejledningen DK
Bruksanvisning SE
Käyttöohjeesta FI
Instrukcja obsługi PL
Οδηγίες χρήσης GR
руководство по эксплуатации RU
Manual de instruções PT
기계 조작 설명서 KR
دليل الاستخدام SA

Table of contents

1. General information 38
1.1. Greeting 38
1.2. Notices concerning the operating manual 38
2. For Your Safety 38
2.1. Intended use 38
2.2. Risks 39
3. Technical data 41
4. Overview 41
4.1. Scope of delivery 41
4.2. Accessories 41
4.3. Device 42
5. Switching on for the first time 43
6. Coffee preparation 45
6.1. Switching on/off 45
6.2. Operation 45
6.3. Preparing coffee specialities 46
6.3.1. Preparing coffee or espresso 46
6.3.2. Preparing coffee-milk specialities 47
6.4. Preparing coffee with coffee powder 49
7. Individual settings 50
7.1. Setting the grinding fineness 50
7.2. Making individual settings for coffee preparation 51
7.2.1. Storing personal settings 52
7.2.2. Making personal settings quickly (Quick Select) 52
7.3. Changing device settings 52
7.3.1. Language 52
7.3.2. Water hardness 53
7.3.3. Water filter 53
7.3.4. Energy savings options 53
7.3.5. Resetting the device 54
8. Maintenance 55
8.1. Daily cleaning 56
8.2. Cleaning programs 57
8.2.1. Rinsing the device 57
8.2.2. Rinsing the milk system 57
8.2.3. Cleaning the milk system 58
8.2.4. Cleaning program 58
8.2.5. Descaling 59
8.2.6. Changing the water filter 60
8.3. Cleaning the brewing unit 62
8.4. Cleaning the bean container 63
9. Troubleshooting 63
9.1. Display device information 65
10. Disposal 65
11. Tips for perfect coffee enjoyment 66
12. License provisions 67

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1. General information

1.1 Greeting

Dear Customers, we are pleased that you have selected a SEVERIN fully automatic coffee maker. Dive into the enjoyable world of coffee and milk specialities. Before you start, please take some time to get to know your machine with the help of the operating instructions. This will ensure that you will get the best possible results.

1.2 Notices concerning the operating manual

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WARNING!
Danger of severe injuries or damage to the device due to failure to heed the safety instructions and operating manual.

- Read the operating manual and the safety-related supplemental sheet in their entirety before you use the device. Keep both documents in a safe place.
- In case you pass this device on to a third party, please also include the safety-relevant documents.

NOTE!

- SEVERIN assumes no liability for damage that arises due to non-observance of this operating manual.
- You can download the safety-related supplemental sheet, this operating manual and additional language versions on the Internet at www.severin.de.

2. For Your Safety

Important notes for your safety are marked in a special fashion. Be sure to follow these instructions to avoid accidents and damage to the device:

WARNING!
Indicates notes that must be heeded to prevent a danger or injury or a danger to life.

CAUTION!
Indicates notes that must be heeded to prevent a danger of slight injury.

CAUTION!
Indicates notes that must be heeded to prevent a danger of property damage.

NOTE!
Emphasises tips and other useful information.

2.1 Intended use

Your fully automatic coffee maker is used exclusively for the preparation of coffee specialities at home and similar uses, such as for example

- in kitchens for employees in stores, offices and other commercial areas;
- on agricultural estates;
- by customers in hotels, motels and other residential facilities;
- in bed-and-breakfast facilities.

Version 3 2012-08

Fill the water tank of the device only with cold, fresh non carbonated water, never with milk, instant powders, syrups or other flavouring substances and additives. Caramelised coffee beans must not be used. Do not fill any liquids into the coffee bean container.

The device is not suitable for built-in installation or for an installation under the counter.

2.2 Risks

This device may only be used by persons with reduced physical, sensory or mental capacities or a lack of experience and/or knowledge when they are supervised or if they have been instructed about the safe use of the device and have understood the risks resulting from the use of the device.

This device may be used by children age 8 and up when they are supervised and if they have been instructed about the safe use of the device and have understood the resulting risks. Cleaning and user maintenance must not be carried out by children, unless they are 8 years old or older and are supervised. The device and its connecting cable must be kept away from children younger than 8 years.

To prevent electric shock, adhere to the following safety measures under all circumstances:

- Only connect the device to a properly installed earthed safety socket.
- Only operate the device if the voltage specified on the model plate matches the voltage in your outlet.
- Make sure that the power cable is not bent or pinched and that the power cable and the device do not come in contact with heat sources (e.g. hot plates, gas flames).
- When you pull the power cable out of the outlet, always pull directly on the plug. Do not hold and carry the device with the power cable.
- Never touch the power plug with wet hands.
- Never immerse the device in water or other fluids, do not clean it under running water, and do not place it in the dishwasher.
- Do not insert any objects into the device openings.
- Even when the device is turned off, it carries voltage on the inside of the device as long as the power cable is plugged into the outlet. After each use, in case of danger or defect, pull the power plug from the outlet immediately. For this reason, make sure that the outlet with the power plug of the device is easily accessible at any time. Pull the power cable out of the outlets before you clean or carry out maintenance work on the device.
- Never remove screws from the device to open it and do not carry out any technical modifications.

Particular groups of people are at an increased risk:

- Children must not play with the device.
- Keep children away from the packaging material. It presents a suffocation risk.

Hot water and hot milk at the coffee milk outlet of the device present a scalding risk.

- The set-up location of the device must be level, solid and feature a sufficient load-bearing capacity.
- Do not touch the coffee-milk dispenser when the machine is switched on.

- Only use receptacles that are large enough to receive the fluid volume set on the device. Adhere to the information in the operating manual during the execution of maintenance programs. If in doubt, abort the process prior to completion.
- Never remove the receptacle while the beverage is being prepared.
- Do not transport or move the device while the beverages being prepared.

Pathogens can form in the device due to insufficient hygiene.

- Empty the drip tray and the coffee grounds container on a daily basis.
- Adhere to the specified cleaning intervals.
- Always pour out the water in the water tank that is not going to be used that day.

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A defective device can cause property damage and injuries:

- Check the device for damage prior to every use. In the event that you detect damage due to transport, immediately contact the dealer where you have purchased the device or SEVERIN customer service.
  Never operate a defective device. Never operate a device that has fallen down.
- When the power cable of the device is damaged, it must be replaced in order to prevent endangerment. The device does not contain any parts that you can repair yourself. Repair work must only be carried out through SEVERIN customer service.

Incorrect handling of the device can cause property damage.

- Place the device on a water-resistant, dry, non-skid surface.
- Never set up the device on a hot surface or near strong sources of heat.
- Do not set up the device on a surface which could be damaged by water and heat (e.g. untreated wood).
- Do not allow the power cable to dangle.
- Only operate the device in heated interior rooms.
- Only use the device after the coffee-milk dispenser has been completely assembled and inserted.
- Only use the products recommended in the operating manual for the care of your device.
- Store the device so that it is always protected against frost.

Version 3 2012-08

3. Technical data

Voltage	220–240 V~, 50/60 Hz
Output/power consumption	1500 W
Safety test	CE, CB, EMC
Pump pressure (max.)	15 bar
Capacity of water tank	1.5 l
Capacity of bean container	140 g
Capacity of grounds container	12 portions
Dimensions (W x H x D)	240 mm x 350 mm x 330 mm
Weight	approx. 9 kg

4. Overview

4.1 Scope of delivery

The device's scope of delivery includes:

- Your fully automatic coffee maker
- Water filter
- Milk tube
- CD-ROM with
- Operating instructions
- Warranty provisions
- Safety-related supplemental sheet
- Water hardness test strips
- Cleaning tablet

4.2 Accessories

The following accessories are available:

- Water filter
- Cleaning tablets
- Descaling tablets
- Milk tube
- Milk system cleaner
- Milk cooler

4.3 Device

Overview

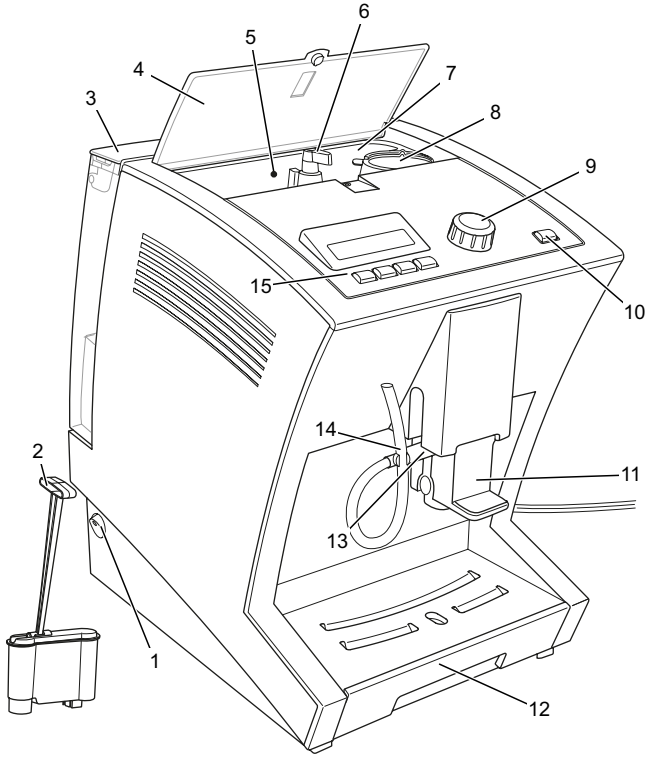

fig. 1: Device overview

Item	Designation	Explanations
1	On/off switch	
2	Water filter with insertion aid	To improve the water quality.
3	Water tank	For adding drinking water.
4	Bean container cover	
5	Bean container signal lamp	Lights up if the supply of beans is getting too low.
6	Grind regulator	For adjusting the grinding of the coffee variety.
7	Bean container	For adding unground beans.
8	Powder dosing chamber	For adding a cup portion of coffee powder (e.g.decaffeinated coffee).
9	Rotary selection switch e-Select	For selecting a coffee speciality and for selecting menu options and settings on the menu.
10	Menu button	To call up and exit the menu.
11	Coffee-milk dispenser with height adjustment	The coffee-milk dispenser can be adjusted to the height of the container (cup/glass) below using the handle.
12	Drip tray with cup tray and grounds container	For catching water and coffee grounds.
13	Connection for milk tube	For drawing milk for coffee specialities with milk (e.g. cappuccino).
14	Milk tube with bracket	The milk tube can be hung on the bracket.

Item	Designation	Explanations
15	Display with operating controls	Shows details about beverage preparation and the menu. The buttons have the function shown on the respective display.

5. Switching on for the first time

When you switch your device on for the first time, it asks you for some basic settings.

1. Plug the mains plug into the outlet.
2. Switch the device on with the on/off switch.
   ➲ The display shows the text "SEVERIN“ and then:
   PLEASE SELECT LANGUAGE
3. Turn the e-Select until the desired language is shown and confirm it by pressing the e-Select.

   NOTE!
   If you have accidentally selected the wrong language, you can change the setting later on (► “7.3.1 Language”) and (► “7.3.5 Resetting the device”).

   ➲ The display shows:
   PLEASE SELECT WATER HARDNESS
4. Check the water hardness on a tap using the water hardness test strip. To do this, proceed according to the enclosed description of the test strips.
5. Use the e-Select to select the water hardness and confirm your entry.
   ➲ The display shows:
   USE WATER FILTER?
6. Rinse the water tank thoroughly with water.
7. If desired, use the insertion aid to insert the water filter into the water tank (fig. 2) and remove insertion aid again.

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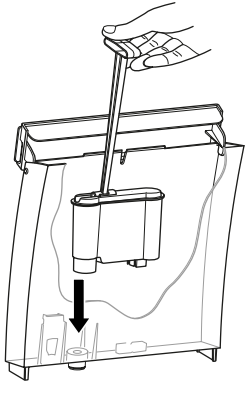

fig. 2: Inserting the water filter

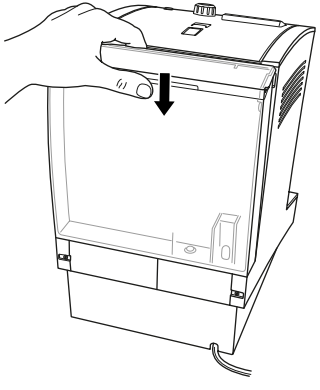

fig. 3: Insert water container

NOTE!
A water filter improves the water quality of the water used by removing contaminants and scale from the water. SEVERIN recommends the use of a water filter for high water quality starting with 10 °dH.

8. Fill the water tank with cold drinking water up to the "Max“ marking and place it on the device (Fig. 3). Here, make sure that the water tank hooks into the top of the device and lies close against the device.
9. Select with the e-Select
   - NO, if you do not want to use a water filter or
   - YES, if you want to insert a water filter in the water tank.

➲ The display shows:
RINSING
Water runs from the coffee-milk dispenser into the drip tray.
As soon as the rinsing procedure is complete, the display shows the "Beverage selection" view. The device is now ready for operation.

Version 3 2012-08

6. Coffee preparation

6.1 Switching on/off

Each time you switch the machine on or off, the device first rinses the brewing unit.

1. Switch the device on with the on/off switch.
   - ➲ The display shows the text "SEVERIN“ and then:
     RINSING
     The rinsing of the brewing unit is complete as soon as "Beverage selection“ appears again.

NOTE!
The device switches off automatically after a programmable switch-off time (default setting: 1 hour). By pressing the on/off switch, you can switch off the device manually at any time.

6.2 Operation

"Beverage selection" view

Symbols	Meaning
	To set the strength of the desired coffee. weak coffee normal coffee strong coffee individually-set quantity of beans Preparation with ground coffee
	To set the quantity of water. small cup (100 ml) medium cup (125 ml) large cup (160 ml) individually-set cup size
	To set the milk/milk foam quantity of a milk speciality. a little milk an average quantity of milk a lot of milk individually-set quantity of milk
⚠	Indicates an error message

NOTE!
All symbols are not shown for each beverage; the symbols shown depend on whether or not the beverage is prepared with milk/coffee beans.

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The device is operated using the e-Select and the control buttons.

- Use e-Select to select a beverage: prepare it by pressing.
  - The e-Select lights up steady white if the device is waiting for an input from you.
  - The e-Select flashes while the device is preparing a beverage.
  - The e-Select flashes red if an error has occurred (▶ "9. Troubleshooting").
- By pressing the four control buttons below the display, you can adjust your coffee speciality to suit your individual needs.

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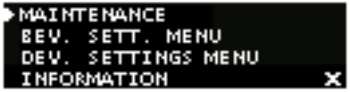
"Device menu" view



In this menu, you can make settings, perform maintenance programs and display information.

- By pressing the menu button for a longer time (at least 3 seconds), you will reach the menu; you can exit it by pressing again.
- By turning the e-Select, you can select a menu option; confirm it by pressing.
  - The e-Select lights up steady white if the device is waiting for an input from you.
  - The e-Select flashes while the device is cleaning itself.
- Use the button under the display field ✕ to return to the previous menu without changing the setting.

6.3 Preparing coffee specialities

1. Open the cover of the bean container and wipe the bean container out with a dry and lint-free cloth.
2. Fill the bean container with coffee beans (Fig. 4).
3. Close the cover of the bean container.

6.3.1 Preparing coffee or espresso

To prepare a coffee or espresso, there must be enough beans in the bean container and enough water in the water tank.

1. Place a cup on the cup tray below the coffee-milk dispenser of the device and adjust the height of the coffee-milk dispenser to the cup height (Fig. 5).
2. By turning the e-Select, select COFFEE or ESPRESSO.
3. If desired, you can use the button under the display field
   - to change the set coffee strength
   - to change the set water quantity.

> *NOTE!*
> To prepare the coffee speciality with your own settings, press the respective button until is displayed after the corresponding symbol (▶ "7.2 Making individual settings for coffee preparation").

4. Press the e-Select.
   ➲ The desired coffee speciality is prepared.
5. If you would like to change the coffee quantity during dispensing, turn the e-Select while the coffee is being dispensed.
   ➲ The display shows a bar with the set quantity in "ml".
   The coffee dispensing stops automatically after the selected quantity has been prepared. It can also be stopped early by pressing the e-Select.

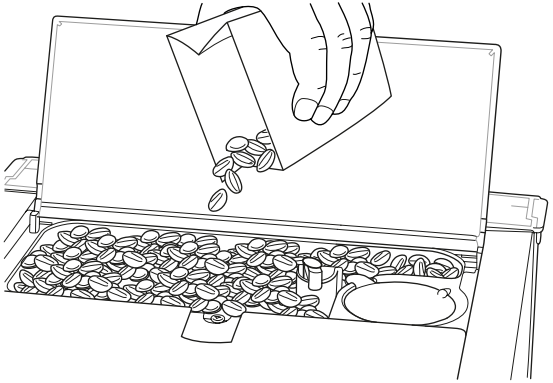


fig. 4: Adding beans

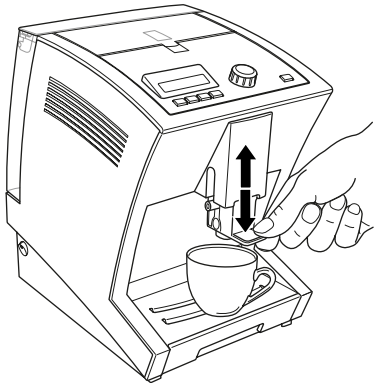


fig. 5: Placing the cup underneath and adjusting the dispenser height.

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6.3.2 Preparing coffee-milk specialities

To prepare a cappuccino, a white coffee or a latte macchiato, there must be enough beans in the bean container and enough water in the water tank. Also place a container filled with milk (e.g. SEVERIN milk cooler) next to the device.

NOTE!
Coffee specialities prepared with milk are best if the milk is chilled to refrigerator temperature.

1. Plug the milk tube onto the connection on the coffee-milk dispenser and hang the other end of the tube in the milk container (Fig. 6).

NOTE!
Make sure that the tube is submerged in the milk so that the milk can be drawn correctly by the device.

2. Place a cup on the cup tray below the coffee-milk dispenser of the device and adjust the height of the coffee-milk dispenser to the cup height (Fig. 5).
3. By turning the e-Select, select CAPPUCCINO, LATTE MACCHIATO, WHITE COFFEE or MILK.
4. If desired, you can use the button under the display field
   - to change the set coffee strength
   - to change the set water quantity
   - to change the milk-milk froth quantity.

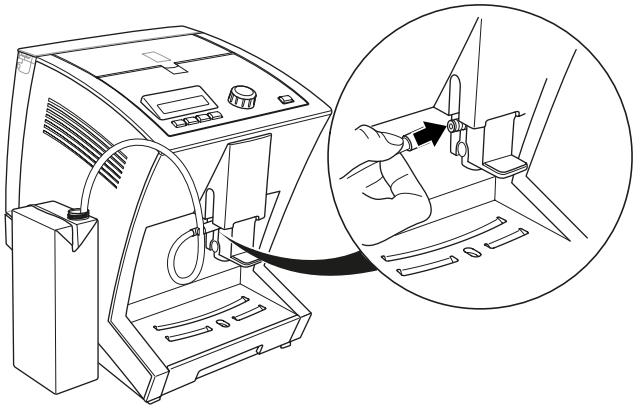

fig. 6: Connecting the milk tube

NOTE!
To prepare the coffee speciality with your own settings, press the respective button until .ıl is displayed after the corresponding symbol (▶ "7.2 Making individual settings for coffee preparation").

5. Press the e-Select.
   ➲ The desired coffee speciality is prepared.
6. If you would like to change the milk quantity during dispensing, turn the e-Select while the milk is being dispensed.
   ➲ The display shows a bar with the set milk dispensing time in seconds.
7. If you would like to change the coffee quantity during dispensing, turn the e-Select while the coffee is being dispensed.

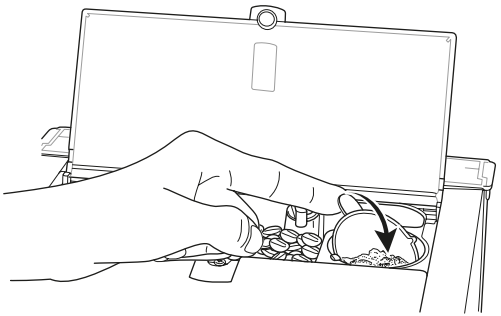

fig. 7: Turning over the powder dosing chamber

➲ The display shows a bar with the set quantity in "ml".
The coffee dispensing stops automatically, but can also be stopped by pressing e-Select.
After preparation, the display indicates:
DO YOU WANT TO CLEAN THE MILK SYSTEM?

8. Press
   - the button under the display field ✓ to perform cleaning (▶ "8.2.2 Cleaning milk system"), or
   - the button under the display field ✗ if you want to perform the cleaning later.

NOTE!
It is recommended that you clean the milk system after each preparation.

6.4 Preparing coffee with coffee powder

You can also prepare a coffee speciality with coffee powder. This is especially useful if you want to prepare a decaffeinated coffee, for example.

1. Proceed as described in chapters ▶ "6.3.1 Preparing coffee or espresso" and ▶ "6.3.2 Preparing coffee-milk specialities" to select the desired beverage.
2. Instead of selecting the strength of the coffee, use the button under the display field to select the symbol .
3. After you have selected the desired water and milk quantities, press the e-Select.
   ➲ After a short time, the display shows:
   PLEASE FILL COFFEE GROUNDS.
4. Open the cover of the bean container and fill the powder dosing chamber with coffee powder.

> **!** CAUTION!
> Incorrect filling can damage the device.
> – Only add coffee when the device asks you to.
> – Only add coffee made of ground beans (no instant beverage powder, coffee granules, cocoa, etc.).
> – Fill the powder dosing chamber just once for a cup portion, not multiple times.

5. Turn the powder dosing chamber over (Fig. 7).
6. Turn the powder dosing chamber back to the initial position and close the cover of the bean container.
7. Press the e-Select again.
   ➲ The desired coffee speciality is prepared.
8. To make changes to the liquid quantities while drawing, turn the e-Select as described in the sections ▶ "6.3.1 Preparing coffee or espresso" and ▶ „"6.3.2 Preparing coffee-milk specialities".

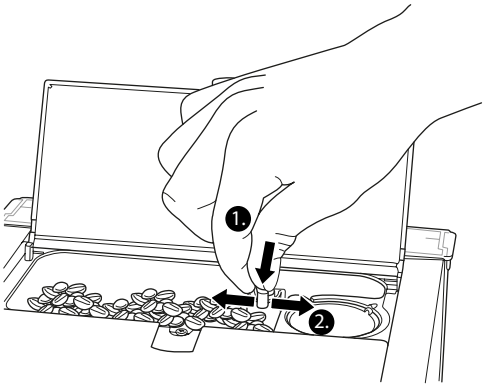

fig. 8: Setting the grinding fineness

7. Individual settings

7.1 Setting the grinding fineness

The grinding fineness affects the taste of the coffee. Select the grinding fineness according to the type of coffee you are using.

NOTE!
For a light roast, you should set a high fineness; for a dark roast a medium fineness is optimal. The roast is normally printed on the coffee package.

CAUTION!
If the fineness setting is moved without grinding coffee beans, the grinder can be damaged.

– Only shift the grinding fineness while the grinder is grinding.

Here's how to set the grinding fineness:

1. Place a cup on the cup tray below the coffee-milk dispenser of the device and adjust the height of the coffee-milk dispenser to the cup height.
2. Open the cover of the bean container.
3. By turning the e-Select, select a beverage.
4. Press the e-Select.
   ➲ The grinder grinds.

5. Now set the fineness of the beans on the grinder regulator. To do this, press the grinder regulator down and turn it (Fig. 8).
   - to the right in order to set a high fineness.
   - to the left in order to set a coarse fineness.

   ➲ As soon as you release the grinder regulator, it snaps upward automatically.
6. Close the cover of the bean container again.

7.2 Making individual settings for coffee preparation

You can adapt the coffee preparation individually to your personal preferences. For each coffee speciality, there are various preparation variants available.

The preparation variants listed below are available.

Preparation variants

Espresso/coffee		
	Quantity of coffee (espresso)	20 – 50 ml
	Quantity of coffee (coffee)	50 – 250 ml
	Coffee strength	very weak, weak, normal, strong, very strong
	Temperature coffee	very low, low, normal, high, very high
Cappuccino/Latte macchiato		
	Quantity Coffee	20 – 250 ml
	Quantity Milk	10 – 30 seconds
	Coffee strength	very weak, weak, normal, strong, very strong
	Temperature coffee	very low, low, normal, high, very high
	Pause time (only Latte macchiato)	15, 30, 45 seconds
White coffee		
	Quantity Coffee	20 – 250 ml
	Quantity Milk	10 – 30 seconds
	Coffee strength	very weak, weak, normal, strong, very strong
	Temperature coffee	very low, low, normal, high, very high
Milk/milk froth		
	Quantity Milk	10 – 30 seconds

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NOTE!

– The total fill quantity of the cup for beverages prepared with milk consists of the coffee quantity plus the milk/milk froth quantity! Take this into account when selecting your cup.
– The pause time influences the layering for a latte macchiato.

7.2.1 Storing personal settings

Here's how to make your own settings for the coffee preparation:

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1. Press the menu button for at least 3 seconds and use the e-Select to select the
   BEV. SETT. MENU.
   ➲ The display shows a list with the coffee specialities.
2. Select the coffee speciality whose settings you would like to change.
   ➲ The display shows the setting possibilities for the selected coffee speciality (see previous table: "Preparation variants").
3. Select the setting that you would like to change.
   ➲ The display shows a bar with the currently selected setting.
4. Turn the e-Select to change the setting and
   • confirm the change by pressing the e-Select or
   • cancel the change with the button under the display field ✕.
5. Then press the menu button to exit the menu.
   ➲ The display shows the "Beverage selection" view. The settings are saved. You can apply the settings by selecting the ▮▮ symbol with the respective button (► "6.3 Preparing coffee specialities").

7.2.2 Making personal settings quickly (Quick Select)

You can also make the settings temporarily before the preparation:

1. In the "Beverage selection" view, press the button
   • to change the set coffee strength.
   • to change the set water quantity.
   • to change the set milk/milk foam quantity.
2. Turn the e-Select and select the desired setting.
3. Press the e-Select.
   ➲ The selected coffee speciality is prepared with the settings you have selected. However the setting is not saved.

7.3 Changing device settings

7.3.1 Language

This is how to select the preferred language for the display.

1. Press the menu button for at least 3 seconds and use the e-Select to select the
   DEVICE MENU.
2. Then select the
   LANGUAGE
   menu option.
   ➲ The display shows the available languages.
3. Turn the e-Select to change the setting and
   • confirm your entry by pressing the e-Select or
   • cancel the change with the button under the display field ✕.

NOTE!
If you have accidentally selected the incorrect language, you can reset the device to the factory setting (► "7.3.5 Resetting the device in case of incorrect language setting").

7.3.2 Water hardness

Select the water hardness according to the water hardness in your household. Depending on the setting, your device will inform you when it is time to perform a descaling.

NOTE!
In order to operate your device optimally, set the water hardness according to the specifications of your water utility. Use the included water test strip to determine the water hardness.

Here's how to set the water hardness:

1. Press the menu button for at least 3 seconds and use the e-Select to select the
   DEVICE MENU.
2. Then select the
   WATER HARDNESS
   menu option.
   ➲ The display shows:
   HARDNESS 4 PLEASE SELECT WATER HARDNESS.
3. Turn the e-Select to change the setting and
   - confirm your entry by pressing the e-Select or
   - cancel the change with the button under the display field ✕.

7.3.3 Water filter

If you want to use a water filter, you must set the device accordingly. The water filter improves the water quality and the device requires less descaling if properly operated.

NOTE!
SEVERIN recommends the use of a SEVERIN water filter for high water quality. The water filters are effective for approx. 4 to 8 weeks before they have to be changed.

This is how to set the device for the use of a water filter:

1. Press the menu button for at least 3 seconds and use the e-Select to select the DEVICE MENU.
2. Then select the
   WATER FILTER
   menu option.
   ➲ The display shows:
   USE WATER FILTER?
3. Select with the e-Select
   - YES, if you want to insert a water filter in the water tank or
   - NO, if you do not want to use a water filter.
4. Follow the steps in section ► "8.2.6 Changing water filter.

7.3.4 Energy savings options

The device has an automatic power-off function. You can set the time period individually this way.

Here's how to set the energy savings options:

1. Press the menu button for at least 3 seconds and use the e-Select to select the
   DEVICE MENU.

GB

2. Then select the
   AUTO POWER-OFF
   menu option.
   ➲ The display shows the currently-set time for the automatic power-off.
3. Turn the e-Select to change the setting and
   - confirm your entry by pressing the e-Select or
   - cancel the change with the button under the display field ✕.

7.3.5 Resetting the device

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You can reset the device to the factory settings. All personal settings for coffee preparation are thus lost and the device starts once again with the commissioning (► „5. Switching on for the first time").

Resetting the device via the menu

Here's how to reset the device to the factory settings:

1. Press the menu button for at least 3 seconds and use the e-Select to select the
   DEVICE MENU.
2. Then select the
   FACTORY SETTINGS
   menu option.
   ➲ The display shows:
   RESET TO DEFAULT
3. Press
   - the button under the display field ✓ if you want to call up the factory settings or
   - the button under the display field ✕ if you want to keep your personal settings.

   ➲ For a short while, the display shows the note:
   DEVICE SET TO FACTORY DEFAULTS.
   All settings are reset. You must now perform all the basic settings again
   (► „5. Switching on for the first time").

Resetting the device in case of incorrect language setting

If you have accidentally set an incorrect language and a resetting via the menu is not possible, you can also reset the device to the delivery state as follows:

1. Switch the device off.
2. Press the outer two buttons below the display and hold them down.
3. Switch the device on and continue to hold the buttons down until the message
   DEVICE SET TO FACTORY DEFAULTS
   appears on the display.
   ➲ All settings are reset. You must now perform all the basic settings again
   (► „5. Switching on for the first time").

8. Maintenance

In order to enjoy your device for a long time and indulge in consistently good coffee, you must clean the device regularly. Following is an overview of all necessary cleaning activities. Some parts of the device are dishwasher-safe or must be cleaned by hand, others are handled by the device itself thanks to an appropriate cleaning program.

Overview

daily	
	Empty and clean water tank, drip tray and grounds container and clean coffee-milk dispenser and milk foamer (▶ "8.1 Daily cleaning")
	Rinse milk system (▶ "8.2.2 Rinsing the milk system“)
	Clean the milk system (▶ "8.2.3 Cleaning the milk system")
when the device indicates	
	Run the cleaning program (▶ "8.2.4 Cleaning program")
	Descaling (▶ "8.2.5 Descaling")
	Change water filter (▶ "8.2.6 Changing the water filter")
weekly	
	Clean brewing unit (▶ "8.3 Cleaning the brewing unit")
at the latest every 2 months	
	Change water filter (▶ "8.2.6 Changing the water filter")
	Dispose of the used milk tube and replace with a new one.
when necessary	
	Clean bean container (▶ "8.4 Cleaning the bean container")
	Wipe the housing of the device with a damp soft cloth without abrasives.

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Maintenance tips

Your device informs you about important maintenance intervals via a message on the display (see overview). In this case, you can start the cleaning program directly:

- Press the button under the display field ✓ and perform the steps described in the corresponding chapters of these instructions starting with step 3.
- If you want to run the cleaning program later, press the button under the display field ✗.

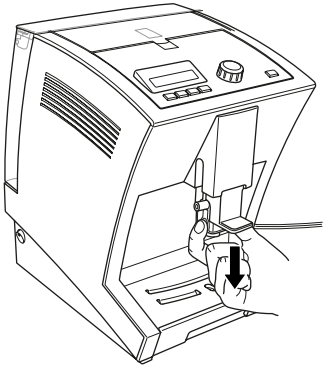

fig. 9: Removing the coffee-milk dispenser

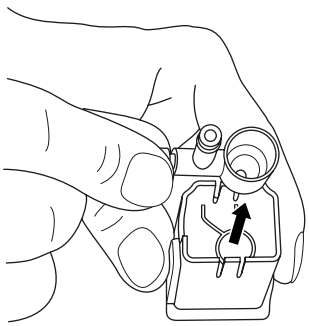

fig. 10: Removing the milk foaming nozzle

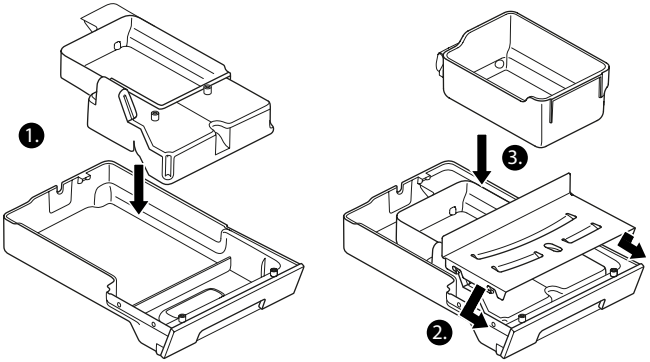

fig. 11: Assembling the drip tray

! CAUTION!
If you do not run the cleaning program right away, a warning symbol appears on the display as a reminder that you must still start a cleaning program. You can continue to use the device without limitation after the display of a maintenance message. However, the message will continue to be displayed in order to remind you about the necessity of maintenance and to prevent damage to the device.

– Clean the machine as soon as you can.

NOTE!
Milk is a food that can spoil. For your health, you should therefore always clean the milk unit as soon as possible.

8.1 Daily cleaning

Clean the water tank, the drip tray, the coffee-milk dispenser and the milk frother every day.

1. Switch the device off and disconnect the plug.
2. Remove the water tank and remove a water filter if you are using one.
3. Clean the water tank with clear water and a mild detergent and dry it inside and outside with a lint-free cloth.
4. Re-insert the water filter if necessary.
5. Pull the drip tray out of the device.

6. Remove the grounds container and empty the coffee grounds.
7. Clean both parts and the cup tray with clear water and a mild detergent.
8. Remove the coffee-milk dispenser by pulling the whole part out of the guide towards the bottom using the handles (Fig. 9).
9. Pull the milk frother nozzle at the connection for the supply out of the coffee-milk dispenser towards the top (Fig. 10).
10. Clean both parts with clear water and mild detergent.
11. Put the drip tray (Fig. 11) and the other parts back together and push the drip tray and the coffee-milk dispenser back into the device.

NOTE!
The drip tray including grounds container and the coffee-milk dispenser can be put in the dishwasher.

8.2 Cleaning programs

The device has automatic cleaning programs. These can be started from the menu at any time.

8.2.1 Rinsing the device

The coffee system is rinsed automatically each time it is switched on/off in order to guarantee evenly high quality of the coffee preparation. In addition, you can actively trigger a rinsing.

1. Press the menu button for at least 3 seconds and use the e-Select to select the
   CLEANING
   menu option.
2. Then select the
   RINSING
   menu option.
   and press the e-Select.
   ➲ The display shows:
   RINSING
   The rinsing is complete as soon as "Beverage selection" appears again.

8.2.2 Rinsing the milk system

For hygienic reasons, as well as to ensure consistently high quality when preparing milk coffee specialities, the milk system must be rinsed.

1. Press the menu button for at least 3 seconds and use the e-Select to select the CLEANING menu option.
2. Then select the
   MILK UNIT
   menu option and press the e-Select.
   ➲ The display shows:
   PLEASE PLACE MILK TUBE IN WATER JAR
3. Plug the milk tube onto the connection on the coffee-milk dispenser and hang the other end of the tube in a container filled with 200 ml clear, cold water.
4. Press the e-Select to confirm.
   ➲ The display shows:
   PLEASE POSITION CONTAINER
5. Place a cup with a capacity of at least 200 ml on the cup tray below the coffee-milk dispenser of the device and adjust the height of the coffee-milk dispenser to the cup height.
6. Press the e-Select to confirm.
   ➲ The display shows:
   MILK UNIT
   The rinsing of the milk system is complete as soon as "Beverage selection" appears again.

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8.2.3 Cleaning the milk system

The device has a milk cleaning program that can remove milk residues with the SEVERIN milk system cleaner.

> *NOTE!*
> The cleaning process takes approx. 5 minutes.

1. Press the menu button for at least 3 seconds and use the e-Select to select the
   CLEANING menu element.
2. Select the
   CLEAN MILK SYS.
   menu option and press the e-Select.
   ➲ The display shows:
   PLEASE PLACE MILK TUBE IN CLEANING LIQUID
3. Fill a container with 200 ml warm water and 20 ml SEVERIN milk system cleanser. (mixing ratio 1:10)
4. Plug the milk tube onto the connection on the coffee-milk dispenser and hang the other end of the tube in the container filled with cleaning solution.
5. Press the e-Select to confirm.
   ➲ The display shows:
   PLEASE POSITION CONTAINER
6. Place a cup with a capacity of at least 200 ml on the cup tray below the coffee-milk dispenser of the device and adjust the height of the coffee-milk dispenser to the cup height.
7. Press the e-Select to confirm.
   ➲ The display shows:
   CLEAN MILK SYS.
   The cleaning of the milk system begins.
8. As soon as the command
   PLEASE PLACE MILK TUBE IN WATER JAR
   appears on the display, hang the end of the milk tube in a container filled with 200 ml clear, cold water.
9. Press the e-Select to confirm.
   ➲ The display shows:
   PLEASE POSITION CONTAINER
10. Empty the cup underneath and place it underneath the coffee-milk dispenser of the device on the cup tray once again.
11. Press the e-Select to confirm.
    ➲ The display shows:
    RINSING
    The rinsing of the milk system is complete as soon as "Beverage selection" appears again.

8.2.4 Cleaning program

The device has a cleaning program with which the coffee system can be rinsed and cleaned intensively with a cleaning tablet.

> *NOTE!*
> If you carry out the cleaning program immediately after the display of a cleaning message, steps 1 and 2 can be omitted.

1. Press the menu button for at least 3 seconds and use the e-Select to select the CLEANING menu option.
2. Then select the
   CLEANING
   menu option and press the e-Select.
   ➲ The display shows:
   PLEASE FILL WATER CONTAINER

3. Fill the water tank with water up to the max. marking and place it on the device.
4. Press the e-Select to confirm.
   ➲ The display shows:
   EMPTY DRIP TRAY AND GROUNDS CONT.
5. Remove the drip tray and empty it together with the grounds container.
6. Re-assemble all parts and push the drip tray back into the device.
7. Place a 500 ml container under the coffee-milk dispenser on the cup tray.
8. Press the e-Select.
   ➲ The display shows:
   CLEANING
9. As soon as the command
   PLEASE ADD CLEANING TAB
   appears on the display, open the cover of the bean container, place the cleaning tablet into the powder dosing chamber and turn the powder dosing chamber.

   NOTE!
   The SEVERIN cleaning tablets are optimally attuned to your device and can be purchased from your SEVERIN dealer.

10. Turn the powder dosing chamber back to the initial position and close the cover of the bean container.
11. Press the e-Select to continue.
    ➲ The display shows:
    CLEANING

    NOTE!
    The cleaning process can take as long as 15 minutes.

12. As soon as the command
    PLEASE EMPTY GROUNDS CONTAINER
    appears on the display, repeat steps 5 and 6.
    ➲ The cleaning program is complete as soon as the "Beverage selection" view is displayed again.

8.2.5 Descaling

Depending on the water hardness of the drinking water used and the application of a water filter, the device must be descaled at particular intervals so that no scale builds up in the system.

CAUTION!
Due to unsuitable descaler and if the descaling is not performed regularly, the device can be damaged.
- Use SEVERIN descaler, never vinegar or other acidic substances.
- Descale regularly.

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NOTE!

- The descaling process can take as long as 30 minutes.
- No warranty is made for damage that is due to devices which have not been descaled regularly.
- If you descale immediately after the display of a cleaning message, steps 1 and 2 can be omitted.
- If you use a water filter, remove it before descaling.

GB

1. Press the menu button for at least 3 seconds and use the e-Select to select the
   CLEANING
   menu option.
2. Then select the
   DESCALING
   menu option and press the e-Select.
   ➲ The display shows:
   PLEASE EMPTY GROUNDS CONTAINER
3. Remove the drip tray and empty it together with the grounds container.
4. Re-assemble all parts and push the drip tray back into the device.
5. Press the e-Select to continue.
   ➲ The display shows:
   PLEASE ADD DESCALING SOLUTION
6. Fill the water tank halfway with lukewarm tap water and place the descaling tablets in the water tank.
7. Wait until the descaling tablets are completely dissolved and then place the water tank on the device.
8. Press the e-Select to continue.
   ➲ The display shows:
   DESCALING
9. As soon as the command
   EMPTY DRIP TRAY
   appears on the display, empty the drip tray and grounds container again. Clean the parts with clear tap water and reinsert them into the device.
10. Press the e-Select to continue.
    ➲ The display shows:
    RINSE CONTAINER AND FILL WITH WATER
11. Rinse the water tank thoroughly with clear tap water, then fill it to the top and put it back on the device.
12. Press the e-Select to continue.
    ➲ The display shows:
    DESCALING
    The descaling is complete as soon as "Beverage selection" appears again..

8.2.6 Changing the water filter

For constant water quality, the water filter must be changed regularly.

NOTE!
If you change the water filter immediately after the display of a cleaning message, steps 1 and 2 can be omitted.

1. Press the menu button for at least 3 seconds and use the e-Select to select the
   CLEANING
   menu option.

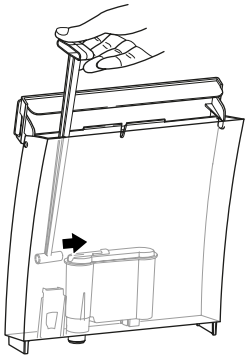

fig. 12: Inserting the insertion aid on water filter

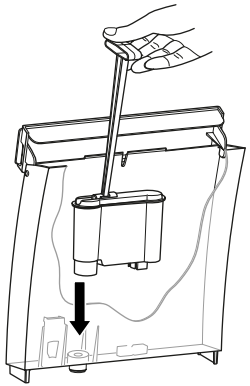

fig. 13: Inserting the water filter

2. Then select the
   WATER FILTER
   menu option and press the e-Select.
   ➲ The display shows:
   INSERT NEW WATER FILTER
3. Place the insertion aid into the water filter (fig. 12) and remove the water filter.
4. Fill the water tank halfway with cold drinking water.
5. Use insertion aid to insert a new water filter (fig. 13) and remove insertion aid again.
6. Replace the water tank on the device.
7. Press the e-Select.
   ➲ The display shows:
   RINSING

➲ The filter change is complete as soon as the "Beverage selection" view is displayed again.

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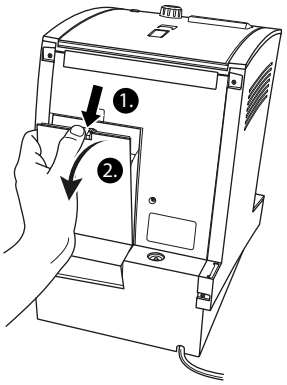

fig. 14: Removing the cover of the brewing unit

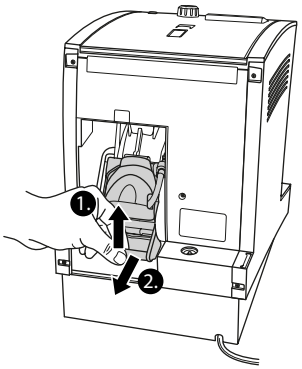

fig. 15: Pulling out the brewing unit

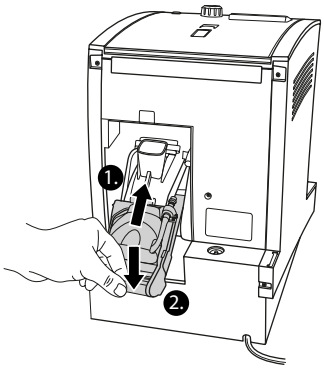

fig. 16: Inserting the brewing unit

8.3 Cleaning the brewing unit

In addition to an integrated cleaning program, the device also offers you the opportunity to clean the brewing unit manually. For this, the brewing unit can be removed as follows:

1. Switch the device off and disconnect the plug.
2. Remove the water tank and shake out the remaining water.
3. Open the door of the brewing unit on the back side of the device by pressing down on the tabs with your thumbs and pulling towards you (Fig. 14).
4. Remove the brewing unit door completely.
   ➲ The brewing unit is now visible.
5. Pull the red lever of the brewing unit upwards and pull the brewing unit carefully downwards at an angle out of the machine (Fig. 15).
6. Clean the brewing unit under running water.

> **!** CAUTION!
> Incorrect handling of the brewing unit can cause damage to the brewing unit.
> – Do not take the brewing unit apart or adjust it.
> – Make sure that the locking lever of the brewing unit is open when you insert it.
> – Push the brewing unit carefully in from bottom to top.

7. Insert the brewing unit into the machine from behind and push it in as far as it goes (Fig. 16).
8. Press the red lever of the brewing unit down. If the lever does not move, check the position of the brewing unit again and re-insert it.

➲ The brewing unit is now inserted correctly.

9. Close the brewing unit again with the door.

8.4 Cleaning the bean container

The bean container must be cleaned regularly to prevent contamination. Ideally this is done when the supply of beans is used up and before new beans are added.

CAUTION!
There is a danger of damage to the device if objects fall into the bean feed.

– Switch the device off before starting cleaning.
– Do not let any objects fall into the bean feed.

Here's how to clean the bean container:

1. Switch the device off and disconnect the plug.
2. Wipe the bean container with a dry, lint-free cloth.

9. Troubleshooting

In addition to the cleaning messages, the display also shows an appropriate message in case of a technical fault.

WARNING!
When opening a defective unit, there is a danger of injury.

– Never repair a defective device yourself. In case of a technical defect, contact SEVERIN customer service.

Display	Cause	Remedy
PLEASE CLEAN BREWING UNIT.	The brewing unit must be cleaned.	Clean the brewing unit (▶ "8.3 Cleaning the brewing unit").
CHECK BREWING UNIT AND INSERT.	The brewing unit is not inserted correctly.	Insert the brewing unit (▶ "8.3 Cleaning the brewing unit").
PLEASE REFILL BEANS.	The bean container is full.	Fill the bean container with beans (▶ "Preparing coffee specialities").
BREWING UNIT DOOR OPEN.	The door of the brewing unit is not closed.	Properly close the door of the brewing unit.

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Display	Cause	Remedy
WATER SUPPLY ERROR.	There is not enough water in the brewing unit.	Clean the water tank and especially its water discharge on the floor. Fill the water tank halfway with cold drinking water and if necessary, remove the water filter and replace it. If problem persists, also clean the brewing unit (▶ "8.3 Cleaning the brewing unit").
SYSTEM ERROR. PLEASE RESTART.	A system error occurred.	Switch the device off for several seconds and then switch it on again.
GRINDER BLOCKED. CONTACT SERVICE.	The grinder is blocked.	Set the grinder regulator on the coarsest fineness (▶ "7.1 Setting the grinding fineness") and prepare another coffee speciality. If this solves the problem, set the desired fineness again for the next beverage. If problem persists, contact customer service.
SYSTEM ERROR. CONTACT SERVICE.	A system error occurred.	Call customer service.

Display	Cause	Remedy
TOO MUCH COFFEE. CANCEL	There is too much coffee in the brewing unit.	Clean the brewing unit (▶ "8.3 Cleaning the brewing unit"). In the future, set a higher fineness (▶ "7.1 Adjusting the grinding fineness"). When you have added ground coffee via the powder dosing chamber, reduce the amount of coffee powder which you are putting in for a cup portion.
TOO LITTLE GROUND COFFEE. CANCEL	There is too little coffee in the brewing unit.	Clean the brewing unit (▶ "8.3 Cleaning the brewing unit"). In the future, set a coarser fineness (▶ "7.1 Adjusting the grinding fineness"). When you have added ground coffee via the powder dosing chamber, increase the amount of coffee powder which you are putting in for a cup portion.

Version 3 2012-08

9.1 Display device information

For questions to customer service in case of a fault, you can display various device information on the display.

This is how to display device information:

1. Press the menu button for at least 3 seconds and use the e-Select to select the
   INFORMATION
   menu option.
2. If you want to have the number of beverages prepared with the device displayed, select the
   QUANTITY INFO
   menu option.
   ➲ The display shows the number of coffee specialities prepared since the commissioning of the device.
3. If you want to have information about the device type displayed, select the
   DEVICE INFO
   menu option.
   ➲ The display shows the serial number of the device, the device version and the software version.

10. Disposal

! CAUTION!
Incorrect disposal can cause environmental damage.

– The device contains electronic components and it therefore must not be disposed of in household rubbish.
– For disposal, heed the local disposal regulations and, in case of doubt, ask the responsible authorities about proper disposal.

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- Dispose of packaging materials that are no longer needed according to local regulations.
- Dispose of the water filter in the normal household garbage.
- At the end of its life, hand the device over to a collection point for electrical scrap.

11. Tips for perfect coffee enjoyment

GB

Situation	Tip
What kinds of coffee can I use?	All types of coffee that are not treated after roasting (e.g. with sugar).
My espresso/coffee does not have any foam.	Use the right beans.
	The coffee is old. Use fresh coffee beans.
	Set a higher fineness (► "7.1 Adjusting the grinding fineness").
	Increase the quantity of coffee (► "6.3.1 Preparing coffee or espresso").
My espresso tastes bitter.	Use a different type of coffee.
	Reduce the strength of the coffee (► "6.3.1 Preparing coffee or espresso").
	Set a higher fineness (► "7.1 Adjusting the grinding fineness").
	Set a lower brewing temperature (► "7.2 Making individual settings for coffee preparation").

Situation	Tip
My espresso tastes sour.	Use a different type of coffee.
	Reduce the strength of the coffee (► "6.3.1 Preparing coffee or espresso").
	Clean the water tank and fill it with fresh water.
	Set a higher brewing temperature (► "7.2 Making individual settings for coffee preparation").
My espresso tastes bland.	Set a coarser fineness (► "7.1 Adjusting the grinding fineness").
	Increase the quantity of coffee (► "6.3.1 Preparing coffee or espresso").
The coffee flows very slowly out of the coffee-milk dispenser.	Set a coarser fineness (► "7.1 Adjusting the grinding fineness").
	Clean the coffee-milk dispenser (► "8.1 Daily cleaning").
	Descale the device (► "8.2.5 Descaling").

Version 3 2012-08

Situation	Tip
What type of milk is best for frothing?	Types of milk with a high protein content. The fat content does not matter. The milk should be slightly cooled.
My milk does not foam.	Clean the milk system (▶ "8.2.3 Cleaning the milk system").
When should I insert the water filter?	Recommendation: starting at 10 °dH

12. License provisions

FreeRTOS

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